Profile/Photo Observation Report

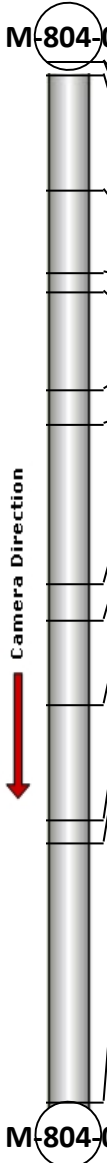**RedZone**
ROBOTICS

Date:	**10/04/2018**	Weather:		Coding:	**PACP 6.0**
Pipe Length (ft):	**277.3**	Owner:	**NA**	Pre Clean:	**Not Known**
P.O.#:		Surveyor:	**Justin Gonzales**	PSR:	**P-804-051-050**
Customer:		Clean Date:	**01/01/1900**	Shape:	**C**

Street:	**Ohio St.**	Flow Control:	**Not Controlled**	
City:	**Hobart, IN**	Year Renewed:		
Location:	**Light Highway**	Tape/Media #:		
Purpose:	**Routine Assessment**	Dia/Height:	**12"**	
Use:	**Sanitary**	Material:	**VCP**	
Drain Area:	**NA**	Lining:		
Category:	**NA**			
Comment:				
Location Details:		Direction of Survey:	**Upstream**	
US MH:	**M-804-050**	DS MH: **M-804-051**	Total Length Surveyed (ft):	**278.2**

O&M Index:	2.50	O&M Quick:	**3121**	O&M Rating:	5.00
Structural Index:	2.00	Structural Quick:	2100	Structural Rating:	2.00
Overall Index:	2.33	Overall Quick:	**3122**	Overall Rating:	7.00

	Position	Code	Observation	Video (sec)	Grade
M-804-051					
	.0	AMH	Manhole	10	NA
	.0	MWL	Water Level	21	NA
	3.7	TF	Tap Factory	40	NA
	34.3	TF	Tap Factory	113	NA
	56.6	MWLS	Water Level Sag	169	S 2
	61.4	TF	Tap Factory	191	NA
	87.7	TF	Tap Factory	257	NA
	97.0	DAZ	Deposits Attached Other	287	M 2
	139.4	TFA	Tap Factory Active	384	NA
	149.3	TF	Tap Factory	415	NA
	172.1	TF	Tap Factory	473	NA
	202.5	TF	Tap Factory	545	NA
	209.1	TF	Tap Factory	570	NA
	278.2	AMH	Manhole	721	NA

Camera Direction

M-804-050

Code:	**AMH**
Description:	**Manhole**
Distance (ft):	**.0**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	**NO**
Remarks:	**M-804-051**

Code:	**MWL**
Description:	**Water Level**

Distance (ft):	**.0**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	**5.000**
Continuous Index:	
Within 8" of Joint:	**NO**
Remarks:	

Code:	**TF**
Description:	**Tap Factory**

Distance (ft):	**3.7**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**3**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

Code:	**TF**
Description:	**Tap Factory**
Distance (ft):	**34.3**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**9**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

Code:	**MWLS**
Description:	**Water Level Sag**
Distance (ft):	**56.6**
Structural Grade:	**2**
O&M Grade:	**3**
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	**10.000**
Continuous Index:	
Within 8" of Joint:	**NO**
Remarks:	

Code: **TF**
Description: **Tap Factory**

Distance (ft):   **61.4**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
Continuous Index:
Within 8" of Joint:
Remarks:

Code: **TF**
Description: **Tap Factory**

Distance (ft):   **87.7**
Structural Grade: **0**
O&M Grade: **0**
Clock Start/From: **3**
Clock To:
1st Value: **4.000**
2nd Value:
Value Percent:
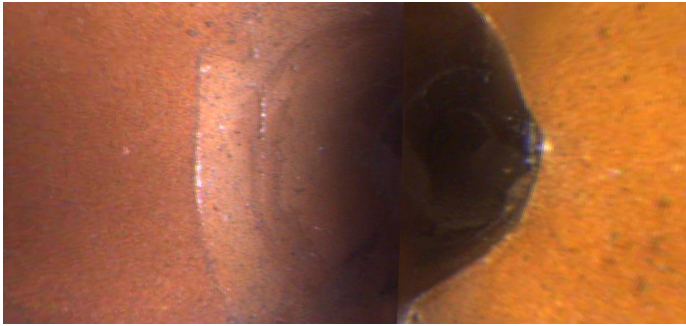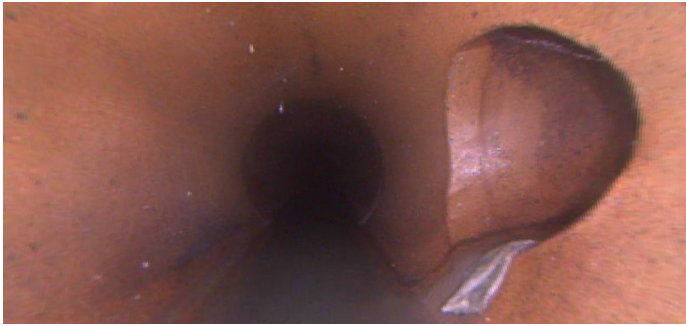Continuous Index:
Within 8" of Joint:
Remarks:

Code:	**DAZ**
Description:	**Deposits Attached Other**
Distance (ft):	**97.0**
Structural Grade:	**0**
O&M Grade:	**2**
Clock Start/From:	**7**
Clock To:	**4**
1st Value:	
2nd Value:	
Value Percent:	**5.000**
Continuous Index:	
Within 8" of Joint:	**YES**
Remarks:	**MUD**

Code:	**TFA**
Description:	**Tap Factory Active**
Distance (ft):	**139.4**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**9**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

Code:	**TF**
Description:	**Tap Factory**
Distance (ft):	**149.3**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**3**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	
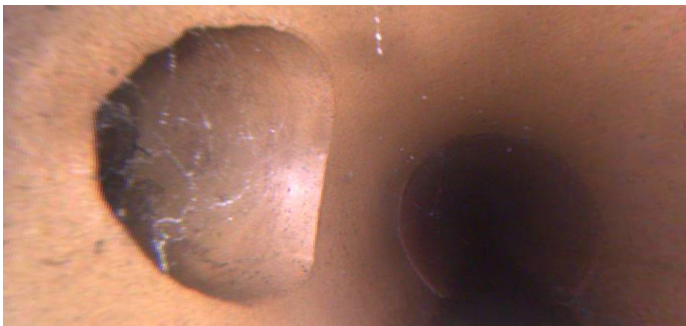
Code:	**TF**
Description:	**Tap Factory**
Distance (ft):	**172.1**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**9**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	
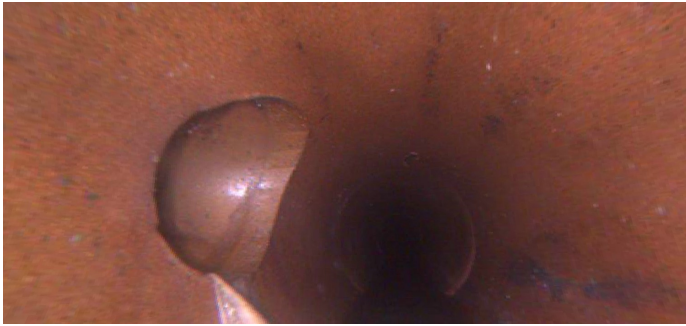
Code:	**TF**
Description:	**Tap Factory**
Distance (ft):	**202.5**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**9**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	

Code:	**TF**
Description:	**Tap Factory**
Distance (ft):	**209.1**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	**3**
Clock To:	
1st Value:	**4.000**
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	
Remarks:	
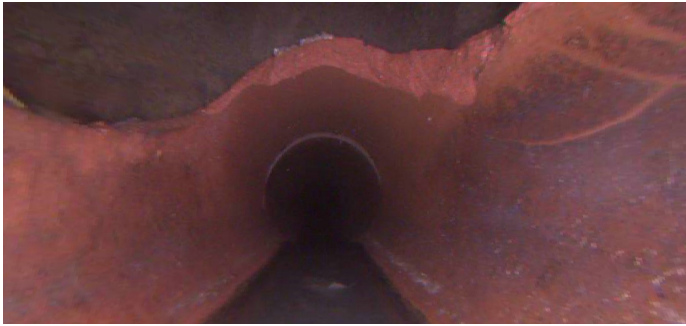
Code:	**AMH**
Description:	**Manhole**
Distance (ft):	**278.2**
Structural Grade:	**0**
O&M Grade:	**0**
Clock Start/From:	
Clock To:	
1st Value:	
2nd Value:	
Value Percent:	
Continuous Index:	
Within 8" of Joint:	**NO**
Remarks:	**M-804-050**